

**Subbasin Assessment and Total Maximum Daily
Loads of the North Fork Coeur d'Alene River
(17010301)**

November 1, 2001

Idaho Department of Environmental Quality
Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene ID 83814

Appendix B: Bacteria, Nutrient, and Oil and Grease Data Collected for Prichard Creek

State of Idaho, Department of Health and Welfare
Bureau of Laboratories - Coeur d'Alene Branch Lab
2195 Ironwood Court, Coeur d'Alene, Idaho 83814
NON DRINKING WATER - BACTERIAL DENSITY REPORT

LAB: COEUR D'ALENE, Phone: (208) 769-1432
Branch Laboratory Supervisor, Bacteriology: Mike Brodwater

DIV OF ENV QUALITY
GLEN PETTIT
2110 IRONWOOD PKWY
COEUR D'ALENE, ID 83814

Tracking Number: 10300-7638/
(Please Refer to this Tracking Number on any communications)

Grant/Project: 8106
CDA Basin Restoration Project
Storet:
NPDES Number:
Matrix: WATER
Sample Location: PRICHARD ABOVE MURRAY
Type of Sample: Surface
Sample Taken From: Creek - C
Collected by: PETTIT
Preservation: Sodium Thiosulfate AND Cooled, 4° C

Date Collected: 03/23/00 Date Received in Lab: 03/23/00
Time Collected: 11:25 Time Received in Lab: 16:10

TEST CODE		RESULTS	COMPLE
EMFC	FECAL COLIFORM (STORET #31616)	<1 /100 ML	03/24/
EQM	E. COLI	<1 /100 ML	03/24/

State of Idaho, Department of Health and Welfare
Bureau of Laboratories - Boise Laboratory
2220 Old Penitentiary Road, Boise, Idaho 83712
WATER QUALITY REPORT - CHEMICAL REPORT

LAB: BOISE, Phone: (208) 334-2235
Section Manager, Inorganic Chemistry: Barry Pharaoh

RECEIVED
APR 21 2000
IDHW-DEQ
Coeur d'Alene Field Office

IDEQ-CDARO
GLEN PETTIT
2110 IRONWOOD PARKWAY
COEUR D'ALENE, ID 83814

Tracking Number: 40300-0397/
(Please Refer to this Tracking Number on any communications)

Grant/Project: 8106
CDA Basin Restoration Project
Survey Name:
Storet:
NPDES No.:
Sample Location: PRICHARD CR ABOVE MURRAY ID
Submitted by: GLEN PETTIT
Purpose:
Taken From: Creek - C
Type of Sample:
Composite: To
Preservation: H2SO4, Cooled 4° C

Date Collected: 03/23/00 Date Received in Lab: 03/30/00
Time Collected: 11:25

STORET TEST PERFORMED	RESULTS	COMPLETED A
00556 Oil and Grease	<<5 (mg/l)	04/14/00

NON-

FISH CREEK STUDY 8118 CDA TANK Metals Grant/Project #401 Water Quality 106 (General/Routine Samples, Not Projected) Collected By: SPB Data Submitted: 4/27/00												
Lab #	Station	Location	Date	Reps.	h2so4	TP (mg/l)	TKN (mg/l)	NO2+NO3 (mg/l)	Stage (ft)	Temp. °C	Cond umho	pH
0-100-0657	WPP		4/27/00			0.043	0.22	0.182				
0658	WPP	QA/QC	↓			0.040	0.20	0.173				
0659	Richard Creek Mouth		4/28/00			0.151	0.11	0.026				
0660	Richard Creek Mouth		↓			0.010	0.05	0.016				
0661	DI Blank		4/27/00			<0.002	<0.05	<0.005				

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Branch Laboratory Supervisor, Bacteriology: Mike Brodwater

DIV OF ENV QUALITY
GLEN PETTIT
2110 IRONWOOD PKWY
COEUR D'ALENE, ID 83814

Tracking Number: 10400-8185/
(Please Refer to this Tracking Number on any communications)

Grant/Project: 8101
TMDL/Prog Mgmt/EA
Storet:
NPDES Number:
Matrix: WATER
Sample Location: PRICHARD CRK MOUTH
Type of Sample: Grab, Surface
Sample Taken From: Creek - C
Collected by: PETTIT
Preservation: Sodium Thiosulfate

Date Collected: 04/28/00 Date Received in Lab: 04/28/00
Time Collected: 13:00 Time Received in Lab: 15:49

TEST CODE		RESULTS	COMPLETED
EQM	E. COLI	<1 /100 ML	04/29/00

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WATER QUALITY REPORT - CHEMICAL REPORT

LAB: COEUR D'ALENE, Phone: (208) 769-1432
Branch Laboratory Supervisor: Mike Brodwater
Inorganic Chemistry Section: Peggy Albertson

DIV ENVIRONMENTAL QUALITY
DEQ/GLEN PETTIT
2110 IRONWOOD PKWAY
COEUR D'ALENE, ID 83814

Tracking Number: 10400-0659/
(Please Refer to this Tracking Number on any communications)

Grant/Project: 8118
CDA Lake Non Metals TMDL/EA
Survey Name: PRICHARD CREEK
Storet:
NPDES No.:
Sample Location: PRICHARD CREEK MOUTH
Submitted by: PETTIT
Purpose: Intensive Survey
Taken From: Unknown - U
Type of Sample:
Composite: No
Preservation: H2SO4, Cooled 4° C

Date Collected: 04/28/00
Time Collected:

Date Received in Lab: 04/28/00

STORET	TEST PERFORMED	RESULTS	COMPLETED	ANST
00625	Total Kjeldahl Nitrogen as N	0.11 (mg/l)	05/15/00	SR
00630	Total NO2 + NO3 as N	0.026 (mg/l)	05/15/00	SR
00665	Total Phosphorus as P (Low Conc.)	0.159 (mg/l)	05/08/00	DN

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WATER QUALITY REPORT - CHEMICAL REPORT

LAB: COEUR D'ALENE, Phone: (208) 769-1432
Branch Laboratory Supervisor: Mike Brodwater
Inorganic Chemistry Section: Peggy Albertson

DIV ENVIRONMENTAL QUALITY
DEQ/GLEN PETTIT
2110 IRONWOOD PKWAY
COEUR D'ALENE, ID 83814

Tracking Number: 10400-0660/
(Please Refer to this Tracking Number on any communications)

Grant/Project: 8118
CDA Lake Non Metals TMDL/EA
Survey Name: PRICHARD CREEK
Storet:
NPDES No.:
Sample Location: PRICHARD CREEK MURREY
Submitted by: PETTIT
Purpose: Intensive Survey
Taken From: Unknown - U
Type of Sample:
Composite: No
Preservation: H2SO4, Cooled 4° C

Date Collected: 04/28/00 Date Received in Lab: 04/28/00
Time Collected:

STORET	TEST PERFORMED	RESULTS	COMPLETED	ANST
00625	Total Kjeldahl Nitrogen as N	0.05 (mg/l)	05/15/00	SR
00630	Total NO2 + NO3 as N	0.016 (mg/l)	05/15/00	SR
00665	Total Phosphorus as P (Low Conc.)	0.010 (mg/l)	05/08/00	DN

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WATER QUALITY REPORT - CHEMICAL REPORT

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Branch Laboratory Supervisor: Mike Brodwater
Inorganic Chemistry Section: Peggy Albertson

DIV ENVIRONMENTAL QUALITY
DEQ/GLEN PETTIT
2110 IRONWOOD PKWAY
COEUR D'ALENE, ID 83814

Tracking Number: 10400-0661/
(Please Refer to this Tracking Number on any communications)

Grant/Project: 8118
CDA Lake Non Metals TMDL/EA
Survey Name: PRICHARD CREEK
Storet:
NPDES No.:
Sample Location: DI BLANK
Submitted by: PETTIT
Purpose: Intensive Survey
Taken From: Unknown - U
Type of Sample:
Composite: No
Preservation: H2SO4, Cooled 4° C

Date Collected: 04/27/00 Date Received in Lab: 04/28/00
Time Collected:

STORET	TEST PERFORMED	RESULTS	COMPLETED	ANST
0625	Total Kjeldahl Nitrogen as N	<0.05 (mg/l)	05/15/00	SR
0630	Total NO2 + NO3 as N	<0.005 (mg/l)	05/15/00	SR
0665	Total Phosphorus as P (Low Conc.)	<0.002 (mg/l)	05/08/00	DN

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LAB: COEUR D'ALENE, Phone: (208) 769-1432
Branch Laboratory Supervisor, Bacteriology: Mike Brodwater

DIV OF ENV QUALITY
GLEN PETTIT
2110 IRONWOOD PKWY
COEUR D'ALENE, ID 83814

Tracking Number: 10400-8186/
(Please Refer to this Tracking Number on any communications)

Grant/Project: 8101
TMDL/Prog Mgmt/EA
Storet:
NPDES Number:
Matrix: WATER
Sample Location: PRICHARD CRK @ MURRAY
Type of Sample: Grab, Surface
Sample Taken From: Creek - C
Collected by: PETTIT
Preservation: Sodium Thiosulfate

Date Collected: 04/28/00 Date Received in Lab: 04/28/00
Time Collected: 14:00 Time Received in Lab: 15:49

TEST CODE		RESULTS	COMPLETED
EQM	E. COLI	1 /100 ML	04/29/00

Idaho Division of Environmental Quality

Bacteria Check Sheet

Stream Name: Pritchard Creek Site ID: 97N1800802 Collection Date: 99/07/27HUC #: 17010301

1	Is Primary Contact Recreation a Designated or Existing Use	Yes	No	If Yes collect 1 sample *****
2	Are upstream land uses affecting recreation use **	Yes	No	If No collect 1 sample *****
3	Other reasons ***	Yes	No	If Yes collect 1 sample *****

explain other reasons

collect 1	
collect 5	

** include agriculture, grazing recreation, urban, cabins, septic

*** on 303d list for bacteria, etc

***** if fecal exceeds 500/100ml, or if e-coli exceeds 406/100ml,

collect 5 samples over 30 days

***** if fecal exceeds 800/100ml, or if e-coli exceeds 576/100ml,

collect 5 samples over 30 days

Sample Results

sample #	date	time	location	Fecal results	E-coli results
sample #1	99/07/27	1418	T50N R4E sec 29 NWNE NE	2/100ml	1/100ml
sample #2					
sample #3					
sample #4					
sample #5					
sample #6					
* if sample #1 exceed standards, collect remaining 4 samples				geometric mean	

other notes

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LAB: COEUR D'ALENE, Phone: (208) 769-1432
Branch Laboratory Supervisor, Bacteriology: Mike Brodwater

DIV OF ENV QUALITY
GLEN PETTIT
2110 IRONWOOD PKWY
COEUR D'ALENE, ID 83814

Tracking Number: 10799-3437/
(Please Refer to this Tracking Number on any communications)

Grant/Project: 8112
BURP
Storet:
NPDES Number:
Matrix: WATER
Sample Location: PRITCHARD CREEK
Type of Sample: Grab
Sample Taken From: Creek - C
Collected by: PETTIT/DOUGLAS
Preservation: Sodium Thiosulfate

Date Collected: 07/27/99 Date Received in Lab: 07/28/99
Time Collected: 14:18 Time Received in Lab: 08:09

TEST CODE		RESULTS	COMPLETED
EMFC	FECAL COLIFORM (STORET #31616)	2 /100 ML	07/29/99
EQM	E. COLI	1 /100 ML	07/29/99